



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED

By Carol Day at 2:05 pm, Oct 16, 2013

REPORT #7

Complete this report in duplicate at the time of the regular monthly preventative maintenance check, and whenever instrument is repaired. Send copy to Department of Health and Senior Services; retain original in department file.

ALCO SENSOR IV SN 030791	PRINTER SN 84.9324.152	DATE OF INSPECTION 09/19/2013
LOCATION OF INSTRUMENT (STREET AND CITY) Hazelwood PD BAT VAN		TIME OF INSPECTION 8:47 am

CHECKLIST: Place a mark in the box by each item if found to be satisfactory or if operating within established limits. (Write in observed values where determined.) Unmarked items must be corrected before using instrument.

☒ DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)

☒ TEMPERATURE OF ALCO SENSOR (10°C - 40°C)

☒ PRINTER WORKING PROPERLY

☒ TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

☒ SIMULATOR SOLUTION ☐ COMPRESSED ETHANOL-GAS MIXTURE

☒ STANDARD SUPPLIER Guth Laboratories, INC. LOT # 13010 EXP. DATE 01/09/2015

☒ SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD2742 SIMULATOR EXP DATE 12/03/2013

☒ CALIBRATION CHECK - (ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT)

Run three tests using a standard solution. All three tests must be within ±5% of the standard value and must have a spread of .005 or less. Check the box corresponding to the standard solution being used. (PRINTOUT ATTACHED)

☒ 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE

☐ 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE

☐ 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE

TEST 1 .101

TEST 2 .099

TEST 3 .098

☒ RFI DETECTOR OPERATING

INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:
(DO NOT INCLUDE SELF-ADMINISTERED TESTS)

REFUSALS	0	(0-.04)	0	(.05-.09)	0	(.10-.14)	0	(.15-.19)	0	(OVER .19)	0
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List any new parts and describe any alteration or modification that was made to restore the instrument to operate satisfactorily and within established limits (use other side if necessary).

The instrument is operating within D.O.H.S.S. specifications. No repairs were made to the instrument. Guth Laboratories certified alcohol reference solution was used, which created a .10 vapor, bottle number 1650.

INSPECTING OFFICER

SIGNATURE

[Signature] 220316

PRINT NAME

Anthony Kristo

TYPE II PERMIT NUMBER/EXPIRATION DATE

220316 / 09.28.2014

TELEPHONE NUMBER

(314) 838-5000

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office
2875 James Boulevard
Poplar Bluff, MO 63901



GUTH LABORATORIES, INC.

690 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-664-5470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 13010 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on January 14, 2013, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1218% (w/vol) ethyl alcohol. The expiration date for this lot number is January 9, 2015 at 11:59 PM.

When used in a calibrated Simulator, operating at 34°C +/- .2°C, this solution will give a breath alcohol analysis instrument reading of 0.100 g/210L +/- 3%.

The alcohol and water used in this solution were free of test interfering substances.

Ted L. Pauley, President
GUTH LABORATORIES, INC.

NIST Traceability:

Testing was conducted using Cerilliant Reference Standard lot number FN122211-02 whose values are traceable to NIST.

All balances are calibrated annually by an outside agency using NIST traceable weights. Calibration verification is done prior to each use utilizing NIST traceable weights.

TEST RECORD 00678

Temp Date Time 210L
 Air Blank: 09/19/13 08:48 .000
 Calibration Check: 21 09/19/13 08:48 .099

Subject Name

TEST

Subject I.D.

11/14

Operator Name, I.D.

TEST 220316

Location

HPD BAT Van

AS IU Serial no: 030791
 Version no: 004C

TEST RECORD 00677

Temp Date Time 210L

Air Blank: 09/19/13 08:47 .000

Calibration Check: 20 09/19/13 08:47 .101

Subject Name

TEST

Subject I.D.

11/14

Operator Name, I.D.

TEST 220316

Location

HPD BAT Van

AS IU Serial no: 030791
 Version no: 004C

TEST RECORD 00679

Temp Date Time 210L

Air Blank: 09/19/13 08:51 .000

Calibration Check: 22 09/19/13 08:51 .098

Subject Name

TEST

Subject I.D.

11/14

Operator Name, I.D.

TEST 220316

Location

HPD BAT Van

AS IU Serial no: 030791
 Version no: 004C

TEST RECORD 00680

Temp Date Time 210L

Void: RFI

12 09/19/13 08:52

Subject Name

TEST

Subject I.D.

11/14

Operator Name, I.D.

TEST 220316

Location

HPD BAT Van

State of Missouri
DEPARTMENT OF HEALTH



P E R M I T
TYPE II



ANTHONY KRISTO

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field repairs, and operate the following breath analyzer(s):

ALCO-SENSOR IV W/PRINTER

for the determination of the alcoholic content of blood from a sample of expired (alveolar) air. Issued under the provisions of sections 577.020 through 577.041, RSMo 1986.

Date 09/28/2012

Number 220316

Expires 09/28/2014

MO 680-0771 (7-88)

Director of State Public Health Laboratory

Director, Department of Health

Lab. 4 (R7-88)